

Sequence Listing

<110> Yao Xiong Hu
<120> Peptides derived from the early region of human papillomaviruses 16 and 18 and immunoassay method for their use.
<130> Our Reference: Impact Diagnostics
<140> Current Application Number:
<141> Filing Date:
<150> Prior Application Number: 06/194,796
<151> Prior Application Filing Date: April 5, 2000
<160> 8 SEQ ID NOS
<170> Corel WordPerfect 9

<210> SEQ ID NOS 8
<211> 19
<212> Type of Sequence: PRT
<213> Artificial Sequence
<223> Derived from the E2 early region of HPV-16
<400> SEQ ID NO 1

Asp Ile Cys Asn Thr Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile
1 5 10 15
Cys Glu Glu

<210> SEQ ID NOS 8
<211> 16
<212> Type of Sequence: PRT
<213> Artificial Sequence
<223> Derived from the E2 early region of HPV-16
<400> SEQ ID NO 2

His Lys Ser Ala Ile Val Thr Leu Thr Tyr Asp Ser Glu Trp Gln Arg
1 5 10 15

<210> SEQ ID NOS 8
<211> 30
<212> PRT
<213> Artificial Sequence
<223> Derived from the E7 early region of HPV-16
<400> SEQ ID NO 3

Pro Thr Leu His Glu Tyr Met Leu Asp Leu Gln Pro Glu Thr Thr Asp
1 5 10 15

Leu Tyr Cys Tyr Glu Gln Leu Asn Asp Ser Ser Glu Glu Glu
 20 25 30

<210> SEQ ID NOS 8

<211> 20

<212> PRT

<213> Artificial Sequence

<223> Derived from the E7 early region of HPV-16

<400> SEQ ID NO 4

Cys Asp Ser Thr Leu Arg Leu Cys Val Gln Ser Thr His Val Asp Ile
 1 5 10 15

Arg Thr Leu Glu
 20

<210> SEQ ID NOS 8

<211> 19

<212> PRT

<213> Artificial Sequence

<223> Derived from the E2 early region of HPV-18

<400> SEQ ID NO 5

Glu Lys Thr Gly Ile Leu Thr Val Thr Tyr His Ser Glu Thr Gln Arg
 1 5 10 15

Thr Lys Phe

<210> SEQ ID NOS 8

<211> 19

<212> PRT

<213> Artificial Sequence

<220> Xaa = L-carboxymethylcysteine

<222> Occurrence of Xaa at positions 3 and 17

<223> Derived from the E2 early region of HPV-16

<400> SEQ ID NO 6

Asp Ile Xaa Asn Thr Met His Tyr Thr Asn Trp Thr His Ile Tyr Ile
 1 5 10 15

Xaa Glu Glu

<210> SEQ ID NOS 8

<211> 30

<212> PRT

<213> Artificial Sequence

<220> Xaa = carboxymethylcysteine

<222> Location in sequence

<223> Derived from the E7 early region of HPV-16
 <220> Xaa = L-carboxymethylcysteine
 <222> 19
 <223> Derived from the E7 early region of HPV-16
 <400> SEQ ID NO 7

Pro	Thr	Leu	His	Glu	Tyr	Met	Leu	Asp	Leu	Gln	Pro	Glu	Thr	Thr	Asp
1				5					10					15	
Leu	Tyr	Xaa	Tyr	Glu	Gln	Leu	Asn	Asp	Ser	Ser	Glu	Glu	Glu		
			20					25					30		

<210> SEQ ID NOs 8
 <211> 20
 <212> PRT
 <213> Organism Scientific Name or Artificial Sequence
 <220> Xaa = L-carboxymethylcysteine
 <222> 1 8
 <223> Derived from the E7 early region E7 of HPV-16
 <400> SEQ ID NO 8

Xaa	Asp	Ser	Thr	Leu	Arg	Leu	Xaa	Val	Gln	Ser	Thr	His	Val	Asp	Ile
1				5					10					15	
Arg	Thr	Leu	Glu												
			20												